Attorney Docket No. 1955 P 063

1745.

RECEIVED
HAY -9 2001
TC 1700 MAIL ROOM

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner:

Art Unit:

Not Assigned

1745

In Resontinuation Patent Application Of:

Application No.: 09/681,159

Filed: February 2, 2001

For: APPARATUS FOR CONVERTING

HYDROCARBON FUEL INTO HYDROGEN GAS AND CARBON DIOXIDE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicants submit herewith Form PTO-1449, "Information Disclosure Statement." The present application is a continuation application of U.S. Application No. 09/185,393, filed November 3, 1998, which is a divisional application of U.S. Application No. 08/703,398, filed August 26, 1996 (now U.S. Patent No. 6,126,908, issued October 3, 2000). Accordingly, copies of patents, publications, or other information previously cited by the Examiner or submitted to the U.S. Patent and Trademark Office in the prior applications are not provided pursuant to 37 C.F.R. § 1.98(d).

The Examiner is requested to consider carefully the complete text of the enclosed references in connection with the examination of this application. It is requested that the listed references be made of record and included in the "References Cited" portion of any patent issuing from this application.

Since this Statement is being filed before the mailing date of a first Official Action on the merits, no fee is necessary. Please charge any fee associated with this Communication to our Deposit Account No. 23-0280.

Dated: May 3, 2001

- John Way

Robert W. Diehl, Reg. No. 35,118

Customer No. 26851

Respectfully submitted,

Wallenstein & Wagner, Ltd.

311 S. Wacker Drive, 53rd Floor Chicago, Illinois 60606-6622

(312) 554-3300.

CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231 on May 3, 2001.

Sarah J. Goodnight /(121743.1)

Docket Number (Optional)	Application Number	
1955 P 063	09/681,159	
Applicant(s)  Lawrence G. Clawson	, et al.	
	Group Art Unit	

INFORMATION DISCLOSURE STATEMENT

(De soveral sheets if necessary)

MAY 0 1 2001 1745 February 2, 2001

	& TRA	DEMI-	U.S. PATE	ENT DOCUMENTS		<del></del>	
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	*5,792,572	08/11/1998	Foley, et al.			
-		*5,733,347	03/31/1998	Lesieur			
	1	*5,700,595	12/23/1997	Reiser			·
		*5,651,800	07/29/1997	Mizuno, et al.			
		*5,648,182	07/15/1997	Hara, et al.			
		*5,645,950	07/08/1997	Benz, et al.			
		*5,643,692	07/01/1997	Ohmi			
		*5,637,415	06/10/1997	Meltser, et al.			
		*5,546,701	08/20/1996	Greiner, et al.		,	
		*5,529,484	06/25/1996	Moard, et al.		13	
		*5,527,632	06/18/1996	Gardner		1	RECEIVED
	1	*5,503,944	04/02/1996	Meyer, et al.		170 1	19
	1	*5,486,428	01/23/1996	Gardner, et al.			12
		*5,486,313	01/23/1996	DeJong, et al.		T P	
	1	*5,484,577	01/16/1996	Buswell, et al.		72	
	<u> </u>	*5,470,360	11/28/1995	Sederquist	,	, ROO3	
		*5,458,857	10/17/1995	Collins, et al.		<u> </u>	
		*5,451,249	09/19/1995	Spiegel, et al.			·
		*5,441,546	08/15/1995	Moard, et al.			
	1	*5,437,123	08/01/1995	Greiner, et al.		<u> </u>	
;	1	*5,419,978	05/30/1995	Landau		ļ.,,,,	
		*5,360,679	11/01/1994	Buswell, et al.			
	7	*5,346,779	09/13/1994	Nakazawa			
		*5,344,721	09/06/1994	Sonai, et al.			
		*5,340,663	08/23/1994	Buswell, et al.			
		*5,330,857	07/19/1994	Sederquist, et al.			
		*5,316,747	05/31/1994	Pow, et al.			
		*5,300,275	04/05/1994	Lywood			
		*5,299,536	04/05/1994	Moard, et al.			
	1	*5,275,632	01/04/1994	Corrigan			
<u></u>	1	<b>*</b> 5,260,640	11/09/1993	Carabetta, et al.			
	1	<b>*</b> 5,248,567	09/28/1993	Amemiya, et al.			
	+	*5,248,566	09/28/1993	Kumar, et al.			
	1	*5,246,791	09/21/1993	Fisher, et al.			<u> </u>
	1	*5,221,586	06/22/1993	Morimoto, et al.			1

# INFORMATION DISCLOSURE STATEMENT (Ose several sheets if necessary) MAY 0.7 2001 Filing Date February 2, 2001 Group Art Unit February 2, 2001 From Docket Number (Optional) Application Number 09/681,159 Applicant(s) Lawrence G. Clawson, et al.

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
•	1	*5,207,185	05/04/1993	Greiner, et al.			
		*5,202,195	04/13/1993	Stedman, et al.			
`		*5,200,278	04/06/1993	Watkins, ct al.			
		*5,193,635	03/16/1993	Mizuno, et al.			
<del></del>		<b>*</b> 5,141,823	08/25/1992	Wright, et al.			
<del></del>		*5,084,363	01/28/1992	Reiser			
		*5,059,494	10/22/1991	Vartanian, et al.			
		*5,047,299	09/10/1991	Shockling			
		*5,030,661	07/09/1991	Lywood			
		*5,030,440	07/09/1991	Lywood, et al.			
		*5,026,536	06/25/1991	Shioiri, et al.			
		*5,019,463	05/28/1991	Matsubara, et al.			
		*5,006,131	04/09/1991	Karafian, et al.			'4'
		*4,994,331	02/19/1991	Cohen		10	22
		*4,988,580	01/29/1991	Ohsaki, et al.		17 1	, 'C
		*4,973,529	11/27/1990	Grasso, et al.		TOOMALL	RECEIVE
		*4,973,528	11/27/1990	Sanderson		35	3, 6
		*4,943,493	07/24/1990	Vartanian		1	
		*4,923,768	05/08/1990	Kaneko, et al.		7	<u>.</u>
		*4,923,767	05/08/1990	Grasso, et al.			<u> </u>
		*4,909,808	03/20/1990	Voecks			
		*4,904,455	02/27/1990	Karafian, et al.			
		*4,897,253	01/30/1990	Jenkins			
		*4,888,031	12/19/1989	Martens			
		*4,879,189	11/07/1989	Snopkowski			
		*4,865,926	09/12/1989	Levy, et al.			
		*4,861,347	08/29/1989	Szydlowski, et al.			
		*4,849,187	07/18/1989	Uozu, et al.			
		*4,838,020	06/13/1989	Fujitsuka			
		*4,836,831	06/06/1989	Martens			
	1 ( T	*4,835,072	05/30/1989	Grasso, et al.			
		*4,830,091	05/16/1989	Dierke, et al.			
·		*4,828,940	05/09/1989	Cohen, et al.			
	1	*4,822,521	04/18/1989	Fuderer			

# INFORMATION DISCLOSURE STATEMENT Posterioral sheets if necessary) Application Number 1955 P 063 Applicant(s) Lawrence G. Clawson, et al. Filing Date February 2, 2001 1745

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
•	<del> </del>	*4,816,040	03/28/1989	Bonville, et al.			
		*4,804,591	02/14/1989	Grasso, et al.			
•		*4,801,356	01/31/1989	Grasso			
		*4,792,502	12/20/1988	Trocciola, et al.			ļ
		*4,789,540	12/06/1988	Jenkins			
		*4,789,384	12/06/1988	Martens, et al.			
		*4,781,241	11/01/1988	Misage, et al.			
	1	*4,743,517	05/10/1988	Cohen, et al.			
	<del> </del>	*4,738,903	04/19/1988	Garow, et al.			<i>:</i>
		*4,737,161	04/12/1988	Szydlowski, et al.			
	1	*4,729,930	03/08/1988	Beal, et al.			·
-	<del>                                     </del>	*4,716,023	12/29/1987	Christner, et al.			10
······································	<b>†</b>	<b>4</b> 4,678,723	07/07/1987	Wertheim		0 /2	色
	<del> </del>	*4,670,357	06/02/1987	Taylor		0 7	Ö
	<del> </del>	<b>*</b> 4,522,894	06/11/1985	Hwang, et al.		1	b 70
	1	*4,504,447	03/12/1985	Spurrier, et al.		P	RECENTO
	1.	*4,476,683	10/16/1984	Shah, et al.		1 2	
<del> </del>		*4,452,854	06/05/1984	Merriam, et al.		TC Y100 KAIL ROUS	<u> </u>
	<del>                                     </del>	<b>*</b> 4,365,006	12/21/1982	Baker			1
		+4,338,292	07/06/1982	Duranleau			
		*4,257,920	03/24/1981	Sugier, et al.			
		*4,236,941	12/02/1980	Main, Jr.			
		*4,233,180	11/11/1980	Hausberger, et al.			
	1	*4,125,090	11/14/1978	Masunaga, et al.		·	
	1	*4,059,076	11/22/1977	Kosaka, et al.			
	†	*3,982,910	09/28/1976	Houseman, et al.			
	1	*3,971,847	07/27/1976	Houseman			
	1	*3,955,941	05/11/1976	Houseman, et al.			
	1	*3,920,416	11/18/1975	Houseman			
<del></del> -		*3,909,299	09/30/1975	Corrigan			
	1	*3,796,547	03/12/1974	Muenger			
	1	*3,787,038	01/22/1974	Tesner, et al.			
· ·	1	*3,666,682	05/30/1972	Muenger			
<del></del>	+	*3,666,423	05/30/1972	Muenger			T

### Docket Number (Optional) **Application Number** 09/681,159 1955 P 063 INFORMATION DISCLOSURE STATEMENT No secral sheets if necessary) Applicant(s) Lawrence G. Clawson, et al. Group Art Unit Filing Date 1745 February 2, 2001

MAI	9 / WOI 54		rung batt			
Ž.			February 2, 2001		1745	
Te II	PADEMARK					
REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*3,645,701	02/29/1972	Banchik, et al.			
	*3,615,217	10/26/1971	O'Brien, et al.			
	*3,541,729	11/24/1970	Dantowitz			
1	*3,531,263	09/29/1970	Sederquist			
	*3,499,797	03/10/1970	Hooper			
	*3,438,759	04/15/1969	Linden, et al.			
	*3,367,882	02/06/1968	Marshall, Jr.			
	*3,334,971	08/08/1967	James, et al.			
	*1,797,426	03/24/1931	Larson			<u> </u>
		FOREIGN PA	TENT DOCUMENTS			
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation NO
	*International Publication No. WO 97/44123	27.11.1997	PCT		110	CENT
	*International Publication No. WO 98/08771	05.03.1998	РСТ		T P	
	*EPO Publication No. 0 312 757 A1	16.04.1989	EPO		<u>'</u> 2	
	*EPO Publication No. 0 360 505 A2	28.03.1990	EPO			<b>基</b>
-	*EPO Publication No. 0 361 648 A1	04.04.1990	EPO			
	*EPO Publication No. 0 112 613 A2	04.07.1984	EPO			
	*EPO Publication No. 0 600 621 A1	08.06.1994	EPO			
	*EPO Publication No. 0 621 1501 (Abstract Only)	02:08.1994	EPO			
	*UK Publication No. 2 084 894 A	21.04.1982	UK			
	*UK Publication No. 2 179 366 A	04,03.1987	UK			
N. Carlotte	*UK Publication No. 2268 322 A	05.01.1994	UK			
	*UK Publication No. 2 296 719	10.07.1996	UK			<del>  -</del>
	*UK Publication No. 1 060 166	08.09.1964	UK			
	*UK Publication No. 1 408 560	01.10.1975	UK			
	*Canadian International Application No. 2,030,915	27.11.1990	CA			
	REF	REF DOCUMENT NUMBER  *3,645,701  *3,615,217  *3,541,729  *3,531,263  *3,499,797  *3,438,759  *3,367,882  *3,334,971  *1,797,426  REF DOCUMENT NUMBER  *International Publication No. WO 97/44123  *International Publication No. WO 97/44123  *International Publication No. WO 98/08771  *EPO Publication No. 0 312 757 A1  *EPO Publication No. 0 360 505 A2  *EPO Publication No. 0 361 648 A1  *EPO Publication No. 0 112 613 A2  *EPO Publication No. 0 112 613 A2  *EPO Publication No. 0 621 1501 (Abstract Only)  *UK Publication No. 2 084 894 A  *UK Publication No. 2 179 366 A  *UK Publication No. 2 296 719  *UK Publication No. 1 408 560  *Canadian International Application  *Canadian International Application  *Canadian International Application	REF DOCUMENT NUMBER DATE  *3,645,701 02/29/1972  *3,615,217 10/26/1971  *3,541,729 11/24/1970  *3,438,759 04/15/1969  *3,3438,759 04/15/1969  *3,334,971 08/08/1967  *1,797,426 03/24/1931  FOREIGN PA  REF DOCUMENT NUMBER DATE  *International Publication No. WO 97/44123  *International Publication No. WO 97/44123  *International Publication No. WO 97/44123  *International Publication No. 05.03.1998  WO 98/08771  *EPO Publication No. 0 312 757 A1 16.04.1989  *EPO Publication No. 0 360 505 A2 28.03.1990  *EPO Publication No. 0 361 648 A1 04.04.1990  *EPO Publication No. 0 112 613 A2 04.07.1984  *EPO Publication No. 0 621 1501 (Abstract Only)  *UK Publication No. 2 084 894 A 21.04.1982  *UK Publication No. 2 179 366 A 04.03.1987  *UK Publication No. 2 268 322 A 05.01.1994  *UK Publication No. 2 296 719 10.07.1996  *UK Publication No. 1 1060 166 08.09.1964  *UK Publication No. 1 1060 166 08.09.1964	REF DOCUMENT NUMBER DATE NAME    *3,645,701   02/23/1972   Banchik, et al.     *3,645,701   10/26/1971   O'Brien, et al.     *3,541,729   11/24/1970   Dantowitz     *3,531,263   09/29/1970   Sederquist     *3,499,797   03/10/1970   Hooper     *3,438,759   04/15/1969   Linden, et al.     *3,367,882   02/06/1968   Marshall, Jr.     *3,349,71   08/08/1967   James, et al.     *1,797,426   03/24/1931   Larson     FOREIGN PATENT DOCUMENTS     REF   DOCUMENT NUMBER   DATE   COUNTRY     *International Publication No.   WO 97/44/123   VOCUMENTS     *International Publication No.   05.03.1998   PCT     *PO Publication No. 0 312 757 A1   16.04.1989   EPO     *EPO Publication No. 0 360 505 A2   28.03.1990   EPO     *EPO Publication No. 0 361 648 A1   04.04.1990   EPO     *EPO Publication No. 0 361 648 A1   04.04.1990   EPO     *EPO Publication No. 0 12 613 A2   04.07.1984   EPO     *EPO Publication No. 0 600 621 A1   08.06.1994   EPO     *EPO Publication No. 0 600 621 A1   08.06.1994   EPO     *EPO Publication No. 0 621 1501   02.08.1994   EPO     *EPO Publication No. 0 2084 894 A   21.04.1982   UK     *UK Publication No. 2 296 719   10.07.1996   UK     *UK Publication No. 1 206 166   08.09.1964   UK     *UK Publication No. 1 408 560   01.10.1975   UK     *UK Publication No. 1 408 560   01.10.1975   UK     *UK Publication No. 1 408 560   01.10.1975   UK     *Canadian International Application   27.11.1990   CA	REF   DOCUMENT NUMBER   DATE   NAME   CLASS	REF   DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS     *3,645,701   02/25/1972   Banchik, et al.     *3,615,217   10/26/1971   O'Brien, et al.     *3,541,729   11/24/1970   Dantowitz     *3,541,729   11/24/1970   Dantowitz     *3,439,797   03/10/1970   Sederquist     *3,439,797   03/10/1970   Hooper     *3,438,759   04/15/1969   Linden, et al.     *3,347,7882   02/06/1968   Marshall, Ir.     *3,345,7882   02/06/1968   Marshall, Ir.     *1,797,426   03/24/1931   Larson     *1,797,426   03/24/1931   Larson     *International Publication No.   03/24/1931   Larson     *International Publication No.   03/24/1931   Larson     *International Publication No.   05/03,1998   PCT     *International Publication No.   05/03,1998   PCT     *International Publication No.   05/03,1998   PCT     *International Publication No.   03/03/1994   EPO     *EPO Publication No. 03/05/05/05/2   28/03,1990   EPO     *EPO Publication No.   03/04/1931   EPO     *EPO Publication No.   03/04/1932   EPO     *EPO Publication No.   03/04/1931   EPO     *EPO Publication No.   03/04/1942   EPO     *EPO Publication No.   06/21/130   03/06,1994   EPO     *EPO Publication No.   06/21/130   03/06,1994   EPO     *UK Publication No.   20/04/1932   UK     *UK Public

MAY 0 7 2001

	Docket Number (Optional)	Application Number
INFORMATION DISCLOSURE STATEMENT	1955 P 063	09/681,159
State of necessary)	Applicant(s)  Lawrence G. Clawson, et	al.
( 1MAY 10.77 20000 3)	Filing Date	Group Art Unit
	February 2, 2001	1745
TRADEMILE		

	OTHER DOCUMENTS (Including Au	thor, Title, Date, Pertinent Pages, Etc.)
	*Houseman, J., et al., "On-Board Hydrogen Generator for a Pa Coast Meeting, Anaheim, California, August 12-16, 1974, pp. 1	artial Hydrogen Injection Internal Combustion Engine, Society of Automotive Engineers, Wes-13.
•	*Twigg, M.V., Editor, "Zink Oxide," Catalyst Handbook, Second	d Edition, Sections 4.11.1 to 4.11.9, Wolfe Publishing, 1989.
	*Catalytica Associates, Inc., "Overview of Fuel-Processing Tec	hnologies for Fuel-Cell Power Generation, * Catalytica File No. 1036, November 6, 1978.
	*Little, Arthur D., "On-Board Ethanol Fuel Processor: Integral	ted System Design," February 15, 1995, Washington, D.C., U.S.A.
	*Little, Arthur D., "Development of an Ethanol Reformer for a	Fuel Cell Bus," May 10, 1995, Des Moines, Iowa, U.S.A.
XAMINER	DA	ATE CONSIDERED

FORM PTO-A820 (also form PTO-1449)

\*A copy of the document listed was either previously cited by the Examiner or submitted to the United States Patent and Trademark Office in an Information Disclosure Statement for U.S. Application No. 09/185,393 filed November 3, 1998. The present application is a continuation of U.S. Application No. 09/185,393 filed November 3, 1998, which is a divisional of U.S. Application No. 08/703,398 filed August 26, 1996 (now U.S. Patent No. 6,126,908 issued October 3, 2000). Pursuant to 37 CFR 1.98(d), a copy of this document is not required and therefore not enclosed.

(121660.1)

